

ABSTRACT

A optical connector for terminating an optical fiber comprises a housing configured to mate with an LC receptacle. The housing comprises a polymer material that does not deform when exposed to temperatures of at least 210°C. The optical
5 connector further includes a ferrule assembly. The ferrule assembly includes a ferrule portion and a barrel portion. The ferrule assembly is preloaded with a thermoplastic adhesive material. The thermoplastic material can be a polyamide-based hot melt adhesive. The thermoplastic mater can be an ultra high temperature hot melt adhesive. These optical connectors can be terminated in the field in a short amount of time.

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